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.. The output of the **quadrature modulator** goes to a SAW ... dB Insertion loss: = 10.0 dB
 max **Passband** delay: = 0.234 ... The **filter** specification lists a maximum loss of ...

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Easy Fourier Analysis

.. Figure 12 - A **passband filter** after DSB-SC modulation ... Figure 14 - SSB **Modulator** using
 the Phasing method. ... in this way is essentially two signals in **quadrature**. ...

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Mixers in Communications

.. and y(t) modulate the two **quadrature** components of ... The double balanced **modulator**
 with two inputs at frequencies ... high as 768,019 for 0.1 dB **passband** ripple, and ...

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.. **Passband** filtering: implementing a **passband filter** in the ... in-phase and **quadrature**
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... Once the center of the band of interest is shifted to DC by the **quadrature modulator**,
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.. simultaneously enhancing the DAC **passband** noise/distortion ... the reconstruction analog
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... at time increments of T_k , a **modulator** forms a ... center frequency offset, the receiver's **passband** bandwidth must ... received signal $r(t)$ with **quadrature** versions of ...

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... standard Mini-Circuits discrete DBMs, **Quadrature** Hybrids and ... flat group delay in the filters **passband**. ... no IF bandpass filtering was used with this **modulator**. ...

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.. MA 02062-9106, USA Tel: 781/329-4700 www.analog.com Fax: 781/326-8703 © Analog Devices, Inc., 2001 250 MHz–1000 MHz **Quadrature Modulator** FUNCTIONAL BLOCK ...

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... interferer falling outside of the **passband** of the ... switched-capacitor, multi-bit **modulator** consisting of ... CLK /8 complex (or **quadrature**) demodulator, followed ...

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Amplitude modulation on GlobalSpec

.. The RF2480 is a monolithic integrated **quadrature modulator** IC capable ... 50's provide finger-tip control of **filter** type, (low-pass, high-pass, band-pass, and ...

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... mirror signals are avoided by **quadrature** signal processing so ... Thus a $\Delta\Sigma$ -**modulator** was developed using a ... delay distortion may be introduced in the **pass-band**. ...

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.. would require a large number of **filter** taps (in ... the phase of frequencies within its **passband** by 90 ... In a **quadrature modulator** system, the low frequency rolloff ...

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.. will be determined primarily by the **pass- band** compensation required ... 4. **Passband**
 details. 3 ... for a high-speed all-digital **quadrature modulator** and demodulator ...
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.. q (k) are the in-phase and **quadrature** components of ... Cascaded pulse shaping and
 half-band filters for **modulator**. ... To reduce the ACLR, the **passband** energy must be ...
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AccelWare DSP Block Libraries

.. aw_fastconv, Fast convolution (frequency domain **filter**). aw_hilbert, Hilbert transform. ...
 iw_quadmod2x, Programmable IF **passband quadrature modulator**. ...
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.. called I and Q, for in-phase and **quadrature**, respectively ... carrier from a dc offset
 in the **modulator**; however, it ... a tone at the center of the **passband** from such ...
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HD155101F Single-Chip RF Block Signal-Processing IC

.. second mixer, **quadrature** demodulator, and **quadrature modulator** are generated ... This
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.. this way, we can create a **quadrature** (out-of ... sinusoidal **modulator**, but if a real
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 .O 2Q LO 2Q I Q f LOa f RF f Desired f Image Rejection Band **Pass Band** f LO1b ...

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... f IF f IF f IF **passband** of the IF ... filtering is required by the RF frontend **filter**
 after the ... Like the two step transmitter, a **quadrature modulator** trans- lates ...
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.. Baseband to IF) Source Data Format **Quadrature Modulator** LO I Q I ... Attenuators Drive
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.. measurements at the edge of a **filter pass-band** or at ... minimized system phase drift
 by using a **modulator** that was designed to operate at **quadrature** without a ...

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.. space by plotting its in-phase component versus its **quadrature** component Block ... Baseband
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amod (Communications Toolbox)

... Analog **passband modulator**. ... The function amod performs analog **passband** modulation ...
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.. 3-8 Old Models Using the Baseband or **Passband** SSB Modulators ... Block Purpose Gaussian

filter Filter the input signal, possibly downsampling, using a Gaussian FIR ...

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.. down converter with the classic multiplier/**quadrature** direct digital ... In the SSB Weaver
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.. races." The outputs of the **quadrature** driven structures ... setting via the vector **modulator**, corresponding to ... oscillation to any part of the **filter pass band**. ...

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... phase-shifter, a Lange coupled **quadrature** generator, a ... our innovation of adding a vector **modulator** to the ... frequency of oscillation over the **pass-band** of the ...

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.. **Quadrature** multiplication produces two identical **modulator** outputs differing ... BW/2) 3W Filters **Modulator** O Filter (Fc ... Page 3 BBT1 **PASS-BAND** AMPLITUDE RESPONSE 0 ...

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... and combines the in-phase and **quadrature** components of a ... bandwidth is only 1.8, and the **pass-band** ripple is ... When cal is enabled, the **modulator** clock is stopped ...

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.. There are a variety of **pass-band** ripple and ... Voltage Controlled Oscillator **Modulator**
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.. (In reality the LO for the **quadrature modulator** is external ... was part of the IC.)
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.. **Filter** at the RF input frequency with the **pass band** set by C13 ... polyphase **filter** will
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.. The I&Q **modulator** amplitude/ phase **quadrature** accuracy and ... far away from the **passband** which makes it ... the transmitter I&Q indirect **modulator**, the voltage gain ...
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... **Filter pass band** frequency, 15 KHz. ... Average **quadrature** error, <1 ... The DAB **modulator** is fully compliant to the ETS 300 401 and ETS 300 799 standard, is provided of ...

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.. multifunctional (low-pass, high-pass, **band-pass**, **band-reject** and all ... reject and all-pass **filter** design, are ... **modulator** is based on analogue **Quadrature modulator**. ...

ves.feec.vutbr.cz/UREL/RADIOENG/abstract_03.html - 40k - [Cached](#) - [Similar pages](#)

Signal Processing

.. the I/Q inputs through the **quadrature** networks, combiner ... **Passband** ripple / slope, -0.25 dB, ± 0.3 dB. ... Bandwidth and Wide Deviation FM **Modulator** Modules – MOD-70 ...

www.miteq.com/micro/communicationsyst/c33/multifunctionpg27.html - 30k - [Cached](#) - [Similar pages](#)

PDFJ VOL. 84/SEP. 1998

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. The **filter** has a root Nyquist roll-off ratio of 0.5 that limits the width of the **passband**. The quadrature **modulator** performs direct **quadrature** modulation of ...

global.mitsubishielectric.com/pdf/advance/vol84/Vol84.pdf - [Similar pages](#)

PDFJ 3.1 Transmitter The transmitter supports the uplink of the W-CDMA ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. DAC LPF DAC LPF **Quadrature** (Q) Channel Direct (I) Channel AMP - operational amplifier .PF - Low Pass **Filter** AMP AMP AMP AMP 0.5Vpk 0.5Vpk to **modulator** Page 14. ...

scholar.lib.vt.edu/theses/available/etd-122298-205651/unrestricted/ch3Tx.pdf - [Similar pages](#)

PPTJ Embedded Signal Processing Laboratory at UT Austin

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

.. 5. Senior Real-time DSP Lab Elective. Lab #6: **Quadrature** Amplitude Modulation

Transmitter. ... Impulse **modulator**. Impulse **modulator**. Pulse shaper gT(t). ... **Passband**. Signal ...

www.ece.utexas.edu/~bevans/talks/nat-inst/EmbeddedDSPNov2003.ppt - [Similar pages](#)

PDFJ A Simple Synchronous-AM Demodulator and Complete Schematics for ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. part of the loop **filter**, removing out-of-**passband** signals from ... DDS, the Analog Devices AD7008, contains a **quadrature** amplitude **modulator**, which is ...

www.arrl.org/tis/info/pdf/9709qex003.pdf - [Similar pages](#)

PDFJ COHERENT CW (ARRL2115.txt + bmp images)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. on either side of the main **passband** resemble the ... the zero crossing and instruct the output **modulator** to pass ... for the resultant of the **quadrature** channels.) Any ...

www.njqrp.org/ccw/arrl2115/arrl2115.pdf - [Similar pages](#)

PDFJ RF2948B

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. **Quadrature** Amplitude Variation 0 +1 dB Output P1dB 1.2 V ... Transmit **Modulator** and LPF **filter** Gain 0 dB Any setting ... Bessel LPF, Set by BW CTRL **Passband** Ripple 0.1 ...

www.vallstedt-networks.de/Files/2948B.pdf - [Similar pages](#)

PDFJ Techniques Simplify Wireless Transmission

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. They require a larger **pass-band** and a smaller ... As previously mentioned, the complex **modulator** (block B ... would be connected to a **quadrature** upconversion mixer ...

www.wsdmag.com/Globals/PlanetEE/Content/19066.pdf - [Similar pages](#)

PDF] APCO Project 25 STANDARDS FOR PUBLIC SAFETY DIGITAL RADIOFile Format: PDF/Adobe Acrobat - [View as HTML](#)

.. then amplitude modulated, in phase and **quadrature** phase, before ... C4FM Frequency **Modulator**
 The deviation is +1.8 kHz for ... **filter** is flat over the **pass-band** for f ...

ps.state.co.us/Web%20Content/2004%20ODP%20HSGP/apco-25.pdf - [Similar pages](#)

SCC95 Advanced Program

.. Single-sideband **quadrature** modulation is used in a fourth ... A/D converters employ a
 hird-order **modulator** to relax ... With $Q=2.8$, 0.2dB **passband** accuracy is achieved ...

www.isscc.org/isscc/1995/ap/tp12.htm - 5k - [Cached](#) - [Similar pages](#)

PDF] Wireless Communications for the Robot SoccerFile Format: PDF/Adobe Acrobat - [View as HTML](#)

.. 30 3.9 **Quadrature Modulator**/Demodulator 54 A.5 **modulator** tb.vhd The threshold
 circuit is simply a low pass **filter**, which is certainly not an optimum way to ...

www.itee.uq.edu.au/~dball/robotoos/publications/russell_kliese_thesis.pdf - [Similar pages](#)

PS] Shaping Filter Design for a 155Mbps 64-CAP ATMFile Format: Adobe PostScript - [View as Text](#)

.. and **quadrature** filters of a CAP **modulator** system are ... 1) shows, the bandpass in-phase
 and **quadrature** filters are ... equiripple FIR **filter** design the **passband** edge ...

www.eng.uci.edu/comp.arch/papers/publications/mod37.ps - [Similar pages](#)

T

.. elements from the inphase (I) and **quadrature** (Q) channels ... The output of the FSK
modulator is applied to ... producing flat delay response within the **pass band**. ...

www.ist.com/Datasheets/11024/11024eds.htm - 101k - [Cached](#) - [Similar pages](#)

CAS 2000 Advance Program - Papers by Tracks

.. Design of FIR Filters with Exceptional **Passband** and Stopband ... Filters using A LADF
 Sigma-Delta **Modulator** Saman S ... The Design Of Low Delay **Quadrature Mirror Filter** ...

scas.epfl.ch/iscas/program/tracks.htm - 101k - [Cached](#) - [Similar pages](#)

PDF] TTHHEE NNEEXXTT GGEENNEERRAATTII OONNS SOOFFTTWWAARREE RRAADDIIFile Format: PDF/Adobe Acrobat - [View as HTML](#)

.. CIC **filter** compensates for the **pass band** droop in ... The digital **quadrature** oscillator
 CO) supplies the sine and ... frequency, f_c . The **modulator** multiplies the ...

www.ics-ltd.com/notes/Notes_271248.pdf - [Similar pages](#)

amodce (Communications Toolbox)

.. Analog baseband **modulator**. ... phase signal and whose second column represents the **quadrature**
 signal ... The plots in the **passband** (amod) example show far more obvious ...

www.math.mcgill.ca/sysdocs/matlabr12/help/toolbox/comm/amodce.html - 12k - [Cached](#) - [Similar pages](#)

PDF] Microsoft PowerPoint - DigitalComFile Format: PDF/Adobe Acrobat - [View as HTML](#)

.. Page 12. **Modulator** • A Symbol: is defined as any N-dimensional real – valued vector •
 Orthonormal Basis Functions: A set of N functions constitutes an N ...

www.ctr.kcl.ac.uk/lectures/Reza/eem210/slides1.pdf - [Similar pages](#)

doc] PHY ProposalFile Format: Microsoft Word 6 - [View as HTML](#)

.. **Quadrature Mirror Filter** Banks (QMF) have commuting polyphase ... Modem is a linear mapping
 from baseband to **passband**. ... CATV a 6Mhz linear baseband **modulator** can be ...

home.knology.net/ieee80214/802_14/95-128.doc - [Similar pages](#)

PDF] BANDWIDTH-EFFICIENT MODULATIONS

File Format: PDF/Adobe Acrobat

.. 3-3 3-3 GMSK Using a **Quadrature Modulator**..... ... the

Output of the Receiver **Filter** for GMSK ...

www.ccsds.org/documents/413x0g1.pdf - [Similar pages](#)

RF Design of a TDMA Cellular/PCS Handset, Part I

.. a 1,930 to 1,990 MHz **passband**, additional attenuation ... The loop-**filter** transfer function is a critical ... An indirect **quadrature modulator** performs the RF carrier ...

www.rfengineer.cc/dualbandrftdma.htm - 40k - [Cached](#) - [Similar pages](#)

EB 401 ENGINEERING MATHEMATICS

.. Gauss **quadrature** formulae(No derivation for 2 ... low pass, high **pass**, **band pass**, **band stop**, filters ... level treatment)- Amplitude **modulator**, suppressed carrier DSB ...

www.mec.ac.in/bios4prev.html - 20k - [Cached](#) - [Similar pages](#)

PDFJ Extraction of In-phase and Quadrature Components by IF-sampling

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. 2. Figure 2. Analogue **quadrature** demodulator used in the present system. The signals $I(t)$ and $x_Q(t)$ can be written as where LPF stands for lowpass **filter**. ...

lb.s2.chalmers.se/download/masters/master_4_2001.pdf - [Similar pages](#)

PDFJ Practical GMSK Data Transmission

File Format: PDF/Adobe Acrobat - [View as HTML](#)

...The key-to optimum performance with **quadrature** modulation is ... and Rx carrier frequency accuracy - **Modulator** and Demodulator ... The **passband** of the IF **filter** should ...

www.eetasia.com/ARTICLES/2003AUG/A/2003AUG29_NTEK_AN.PDF - [Similar pages](#)

PDFJ A 1-V 10-mW Monolithic Bluetooth Receiver in a 0.35- μ m CMOS ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. In order to generate the required **quadrature** LO signals ... of noise back to the interested **passband** (0.2MHz to ... opamp filters and $\Sigma\Delta$ **modulator** while maintaining ...

www.chipidea.com/esscirc2003/papers/esscirc/posters/027_379.pdf - [Similar pages](#)

PDFJ The Engineer's Guide to Decoding & Encoding HANDBOOK SERIES

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. **filter** causes less delay than the narrow band **filter**, and a ... band signal drives the 90 degree shifted **modulator** and so is known as the Q (**Quadrature**) signal. ...

www.snellwilcox.com/knowledgecenter/books/books/edecod.pdf - [Similar pages](#)

PDFJ Demonstrator for Phase 2 of Mobile Radio Consortium Specification

File Format: PDF/Adobe Acrobat - [View as HTML](#)

.. 4.1.4 IQ **Modulator** The RF **modulator** board designed ... at 41.2 MHz related to **pass band** transconductance: 500 ... a demodulation of a differential **quadrature** PSK signal ...

www.imit.kth.se/info/FOFU/INTELECT/GSPs/demonstrator.pdf - [Similar pages](#)

PICO MACOM MATV EQUIPMENT

.. channel • Passes adjacent channels • **Passband** 550 MHz ... The **modulator** is shipped with all internal ... differential gain and phase • **Quadrature** single tuned ...

www.starkelectronic.com/pico1.htm - 21k - [Cached](#) - [Similar pages](#)

PDFJ Acrobat Distiller, Job 6

File Format: PDF/Adobe Acrobat

.. attractive for applying such filters in almost linear- phase IIR **quadrature filter** banks ... to monitor the group delay ripples both in the **filter passband** and its ...

lolphin.wmin.ac.uk/~artur/pdf/Paper23.pdf - [Similar pages](#)

Did you mean to search for: quadrature **modulation passband** filter

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quadrature modulator pass-band

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L Number	Hits	Search Text	DB	Time stamp
20	41	high adj order adj sigma adj delta adj modulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 08:53
21	0	quadrature adj modulation with pass adj band adj filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:28
22	1867	quadrature adj modulation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 10:01
23	2532	pass adj band adj filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:44
24	17	(quadrature adj modulation) and (pass adj band adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:30
25	836	375/298	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:30
26	4	(pass adj band adj filter) and 375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:31
27	9736	qam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 10:29
28	64	(pass adj band adj filter) and qam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:32
29	43560	pass near band adj filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:45
30	84	375/298 and (pass near band adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 09:45
31	4028	quadrature adj modulat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 10:02
32	497	(pass near band adj filter) and (quadrature adj modulat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 10:02
33	76	(pass near band adj filter) with (quadrature adj modulat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/01 10:11

34	146	(pass near band adj filter) same (quadrature adj modulat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 10:11
35	672	qam and (pass near band adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 10:29
36	40	qam with (pass near band adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 10:29
40	1114	455/91	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 12:41
41	56	(pass near band adj filter) and 455/91	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 12:42
42	37	(quadrature adj modulat\$4) and 455/91	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 12:42
43	3	((quadrature adj modulat\$4) and 455/91) and (pass near band adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/01 12:43
-	2	6563387.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/27 15:56
-	836	375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:11
-	4018	quadrature adj modulat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:03
-	8367	digital adj modulat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 10:58
-	502	(quadrature adj modulat\$5) and (digital adj modulat\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 10:59
-	54	375/298 and ((quadrature adj modulat\$5) and (digital adj modulat\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 10:59
-	18	("5121412" "5175514" "5225795" "5345406" "5418818" "5432483" "5446423" "5469475" "5534827" "5534828" "5627499" "5701106" "5714916" "5727024" "5764171" "5767750" "5768315" "5909460").PN.	USPAT	2004/09/28 13:00
-	1	6339621.URPN.	USPAT	2004/09/28 13:09

-	18	("5121412" "5175514" "5225795" "5345406" "5418818" "5432483" "5446423" "5469475" "5534827" "5534828" "5627499" "5701106" "5714916" "5727024" "5764171" "5767750" "5768315" "5909460").PN.	USPAT	2004/09/28 13:19
-	634	(sigma near delta) near modulator and second adj order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 14:00
-	1	(375/298 and ((quadrature adj modulat\$5) and (digital adj modulat\$5))) and ((sigma near delta) near modulator and second adj order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 13:48
-	2	((quadrature adj modulat\$5) and (digital adj modulat\$5)) and ((sigma near delta) near modulator and second adj order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 13:48
-	810	(sigma near delta) near modulator near4 order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 14:01
-	85	(digital adj modulat\$5) and ((sigma near delta) near modulator near4 order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:03
-	2	((quadrature adj modulat\$5) and (digital adj modulat\$5)) and ((sigma near delta) near modulator near4 order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 14:02
-	42237	band adj pass near filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:10
-	493	(quadrature adj modulat\$5) and (band adj pass near filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:14
-	84	375/298 and (band adj pass near filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:40
-	1803	RF adj filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:40
-	39	(quadrature adj modulat\$5) and (RF adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 15:42
-	7	375/298 and (RF adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 16:31
-	56416	power adj amplifier\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 16:32

-	885	(quadrature adj modulat\$5) and (power adj amplifier\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 16:33
-	230	375/298 and (power adj amplifier\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 16:33
-	92	(quadrature adj modulat\$5) and (375/298 and (power adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 16:48
-	318	amplitude adj modulation with power adj amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 17:12
-	48	(quadrature adj modulat\$5) and (amplitude adj modulation with power adj amplifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 16:51
-	26	(amplitude adj modulation) with (using near4 (power adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 17:44
-	13	(amplitude adj modulation) with (power adj supply near4 (power adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/28 17:48
-	11	4896372.pn. 3506920.pn. 3588744.pn. 3413570.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:21
-	173	(amplitude adj modulator) with (power adj amplifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:39
-	836	375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:25
-	3	((amplitude adj modulator) with (power adj amplifier)) and 375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:25
-	4018	quadrature adj modulat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:26
-	15	((amplitude adj modulator) with (power adj amplifier)) and (quadrature adj modulat\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:26
-	3	(amplitude adj modulator) with (power adj amplifier) with (quadrature near modulator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:43

-	14	(amplitude adj modulator) with (power adj amplifier) with mixer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 10:24
-	24	(power adj amplifier) with (dual adj gate adj FET)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:59
-	2	4465980.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 08:59
-	0	(amplitude adj modulator) with (power adj amplifier) with (dual adj gate adj FET)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 10:24
-	2	(amplitude adj modulator) with (dual adj gate adj FET)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 10:25
-	4018	quadrature adj modulat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:04
-	1	(quadrature adj modulat\$5) and O/e and E/O with converter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:05
-	1	(quadrature adj modulat\$5) and O/e with converter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:08
-	720	O/e adj converter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:08
-	343	O/e adj converter and e/o adj converter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:09
-	836	375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:12
-	1	(O/e adj converter and e/o adj converter) and 375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:12
-	109	(O/e adj converter and e/o adj converter) and modulation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 11:51
-	16	(O/e adj converter and e/o adj converter) and QAM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 12:23

-	1728	sigma adj delta adj modulator\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 12:25
-	1124	n adj th adj order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 12:50
-	1	((sigma adj delta adj modulator\$1) and integrator and quantizer and feedback) and ((quadrature adj modulat\$5) and O/e and E/O with converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 12:27
-	11	((sigma adj delta adj modulator\$1) and integrator and quantizer and feedback) and (n adj th adj order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 12:27
-	4	((sigma adj delta adj modulator\$1) and integrator and quantizer and feedback) and (n near3 order adj integrator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 12:51
-	10	n near3 order adj integrator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 14:11
-	272	(sigma adj delta adj modulator\$1) and integrator and quantizer and feedback	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 13:10
-	40	(sigma adj delta adj modulator\$1) and integrator and quantizer and feedback and n adj4 order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 13:11
-	30150	n near3 order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 13:58
-	145	(sigma adj delta adj modulator\$1) and (n near3 order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 13:59
-	25	n near3 order near3 integrator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 14:14
-	6	(sigma adj delta adj modulator\$1) and (n near3 order near3 integrator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 14:14
-	94072	low adj pass adj filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 15:42
-	519	(sigma adj delta adj modulator\$1) and (low adj pass adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 15:47

-	7	(quadrature adj modulat\$5) and ((sigma adj delta adj modulator\$1) and (low adj pass adj filter))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 15:42
-	4	375/298 and ((sigma adj delta adj modulator\$1) and (low adj pass adj filter))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 15:44
-	97	((sigma adj delta adj modulator\$1) with (low adj pass adj filter))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 15:55
-	0	((sigma adj delta adj modulator\$1) with (low adj pass adj filter)) and (quadrature adj modulat\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 15:56
-	0	((sigma adj delta adj modulator\$1) with (low adj pass adj filter)) and 375/298	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 15:56
-	1	((sigma adj delta adj modulator\$1) with (low adj pass adj filter)) and QAM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 17:05
-	18	("5121412" "5175514" "5225795" "5345406" "5418818" "5432483" "5446423" "5469475" "5534827" "5534828" "5627499" "5701106" "5714916" "5727024" "5764171" "5767750" "5768315" "5909460").PN.	USPAT	2004/09/29 16:38
-	105	bit adj sigma adj delta adj modulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 17:12
-	0	two-bits adj sigma adj delta adj modulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 17:12
-	4	two-bit adj sigma adj delta adj modulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 17:14
-	10	m-bit adj sigma adj delta adj modulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 18:35
-	312	375/302	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 18:36
-	6	(sigma adj delta adj modulator\$1) and 375/302	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 18:35
-	215	375/300	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/29 18:37

-	2	(sigma adj delta adj modulator\$1) and 375/300	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 18:36
-	2353	375/295	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 18:37
-	31	(sigma adj delta adj modulator\$1) and 375/295	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/30 07:17
-	3	6717998.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/30 07:23
-	2	6563387.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/30 07:23